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WXYZ READING GUIDE ATLAS

BRITANNICA
JUNIOR
ENCYCLOPÆDIA

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# BRITANNICA JUNIOR ENCYCLOPÆDIA

For Boys and Girls

WXYZ
Reading Guide
Atlas

Prepared under the supervision of the editors of

ENCYCLOPÆDIA BRITANNICA

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## KEY TO PRONUNCIATION

It is of especial importance that an encyclopaedia for children give the pronunciation where the boy or girl might go astray. In all such instances the pronunciation in BRITANNICA JUNIOR ENCYCLOPÆDIA is clearly marked. The accent is shown by the mark ('). The sounds for the different letters, when not self-evident, are as follows:

		*
ā as in pale	ē as in her	ou as in out
ã as in <i>care</i>	ī as in <i>mice</i>	ü as in use
ă as in <i>bat</i>	ĭ as in tin	ŭ as in run
ä as in <i>farm</i>	ō as in cold	u as in pull
å as in <i>task</i>	ŏ as in not	ü as in French début, German über
a as in ball	6 as in for	g (always hard) as in gay
ë as in <i>be</i>	oi as in oil	j for g as in gentle
ĕ as in met	oo as in loot	K for ch as in German Bach or Scottish loch

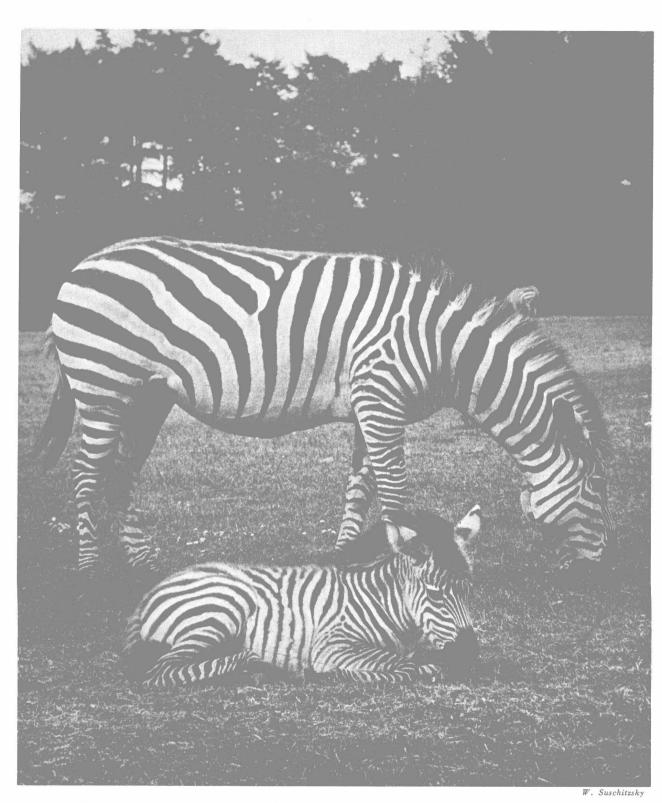
n (nasal) as in French bon
th as in think
th as in thee
t as in picture (Sound varies from t to ch)
z as in pleasure (Sound varies from z to zh)



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A baby zebra rests as its mother grazes. Although zebras have never been domesticated, they may be seen in circuses and zoos. Their coloration makes them the most spectacular members of the horse family. See ZEBRA.

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## 112 / INDEX OF THE WORLD

			control of			District Market Mark	70
Rena, NorwayB2	129		34	Richards-Gebaur A.F.B.,	50	Richmondville, N.Y M5 Rich Mountain, Ark B4	73 20
Rencona, N. Mex	70		37	Mo	59 43	Rich Square, N.C L2	75
Rendsburg, W. GermanyC1	122		05	Richardson, Ky	92	Richtex, S.C	86
Rendville, OhioF6	79		20	Richardson, TexH1	92	Richthofen (mt.), Colo G1	24
Renfrew, OntarioJ6	11		74 33	Richardson (county), Nebr	63	Richton, Miss	57
Renfrew, Pa	84		40	Richardson (lakes), Me B6	47	Richton Park, III	34
Renfrew, ScotlandA1	118		60	Richardson Isl.,	- 1	Richvale, Calif	22
Renfrow, Okla	80 136		52	N.W. Terr	10	Richvalley, IndF3	36
Rengat, Indon	58	Rexville, Ind	37	Richardsons, TennB4	90	Richview, III	35
Renick, W. Va	102		21	Richardsville, KyE6	42	Richville, Mich	53
Renigunta, India	135	Reydon, Okla	80	Richardton, N. DakF6	76	Richville, Minn	54
Renkum, Neth	123	Reyes (point), Calif B6	22	Richburg, N.Y D6	72	Richville, N.YK2	73
Renner, S. Dak	89		117	Richburg, S.C	86	Richwood, Ga	31 54
Rennes, France	120		21	Rich Creek, Va	98	Richwood, Minn	69
Rennett (cape), N.W.	40		30 34	Richey, Miss	56 61	Richwood, OhioD5	78
Terr	10		36	Richey, Mont L3 Richfield, Idaho	33	Richwood, W. Va	102
Renno, S.C	86		63	Richfield, Kans	40	Richwood, Wis	105
Reno, Ga	31 35		77	Richfield, MinnE6	55	Richwoods, Mo L6	105
Reno, III	64	Reynolds (county), Mo L8	59	Richfield, N.C E4	74	Rickardsville, Iowa M3	39
Reno, Ohio	79		26	Richfield, Pa	85	Ricketts, IowaB4	38
Reno, Pa	84		79	Richfield, UtahB5	95	Rickman, Tenn L2	91
Reno, Tex	92	Reynolds Station, Ky D5	42	Richfield, Wis K1	104	Rickreall, Oreg	82
Reno (county), Kans D4	41	Reynoldsville, Pa	84	Richfield Sprs., N.Y K5	73	Rico, Colo	24
Reno (lake), Minn	55		132	Richford, N.Y	73	Ridderkerk, Neth E4	123
Renova, Miss	56		127	Richford, VtB1	96	Riddle, Idaho	33 82
Renovo, Pa	84		76	Rich Hill, Mo	58	Riddlesburg, Pa	84
Rensselaer, Ind	36		125 91	Richland, Fla	28 31	Riddleton, Tenn	90
Rensselaer, Mo	59		91	Richland, Ind	37	Riddleville, Ga	30
Rensselaer, N.Y N5	73 73		122	Richland, Iowa	39	Riderwood, AlaB6	15
Rensselaer (county), N.Y05 Rensselaer Falls, N.YK1	73		123	Richland, Kans	41	Ridge, La	44
Rentchler, III	35	Rheine, W. GermanyB2 1	122	Richland, Mich	53	Ridge, Md	49
Rentiesville, Okla M4	81		122	Richland, Mo	58	Ridge, Mont	61
Renton, Wash	100	Rhenen, Neth	123	Richland, Nebr	63	Ridgecrest, CalifH8	23
Rentz, Ga	31		122	Richland, N.J	69	Ridge Farm, III	34
Renville, Minn	55		31	Richland, N.Y	73	Ridgefield, Conn	26 68
Renville (county), Minn	55		117	Richland, Oreg K3	83	Ridgefield, N.J	100
Renville (county), N. DakG2	76		73	Richland, Pa	85 86	Ridgefield Park, N.J F2	68
Renwick, Iowa	38		73 59	Richland, S.C	89	Ridgeland, Miss	57
Reo, Indon	137 23		104	Richland, Tex	92	Ridgeland, S.C	86
Repton, Ala	15	Rhineland-Palatinate		Richland, WashF4	101	Ridgeland, Wis	104
Repton, KyE2	42	(state), W. GermanyB4 1	122	Richland (county), III E5	35	Ridgeley, W. Va	103
Republic, AlaE3	14	Rhoda, La	44	Richland (county), Mont M3	61	Ridgely, Md	49 90
Republic, Kans	41		51	Richland (co.), N. Dak R7 Richland (county), Ohio E4	77 78	Ridgeside, Tenn	91
Republic, Mich	52 58	Rhode Island (state), U.S 50,	51	Richland (county), S.C F3	87	Ridge Spring, S.C D4	86
Republic, OhioD3	78	Rhode Island (sound),		Richland (county), WisF9	105	Ridgetop, Tenn	90
Republic, Wash	101	U.S	51	Richland (parish), La G2	44	Ridgetown, OntarioE7	10
Republic (county), Kans E2	41		102	Richland Balsam (mt.),	74	Ridgeview, S. Dak	88 36
Republican (riv.), Colo P3	25		126 39	N.C	74 105	Ridgeville, Md	48
Republican (riv.), Kans E2 Republican (riv.); Nebr G5	41 63		53	Richlands, N.C	75	Ridgeville, N.C	74
Republican City, Nebr E4	63	Rhodes (Ródos) (isl.),	00	Richlands, Va	98	Ridgeville, S.C	87
Republican Grove, Va F7	98		126	Richlands, W. VaF5	102	Ridgeville Corners,	
Repulse Bay, N.W. Terr H2	11	Rhodesia (Zimbabwe)F6 1	141	Richland Sprs., Tex F6	92	Ohio	78 39
Requena, Peru	114		33	Richlandtown, PaM5	85 15	Ridgeway, Iowa	55
Resaca, Ga	30		49 126	Richmond, Ala	22	Ridgeway, Mo	58
Resaca, Ohio	78 41		92	Richmond, England F3	119	Ridgeway, N.C	75
Reserve, La	45		122	Richmond, III	34	Ridgeway, Ohio	78
Reserve, Mont	61	Rhondda, WalesE5 1	119	Richmond, Ind	37	Ridgeway, S.CF3	87
Reserve, WisD4	104		120	Richmond, Iowa	39	Ridgeway, Va	98 103
Resistencia, Arg	115	Rhyolite, Nev	65	Richmond, Kans	41 43	Ridgeway, Wis	
Reşita, Romania	126		23 79	Richmond, Maine	47	Ridgewood, N.J	68
Resolute Bay, N.W. TerrG1 Resolution (isl.),	10	Rialto, OhioC9 Riau (Riouw) (arch.),	10	Richmond, Mass	50	Ridgway, Colo	24
N.W. Terr	11	Indon	136	Richmond, Mich	53	Ridgway, III	35
Rest. VaH2	99	Riaza, SpainE2 1	121	Richmond, MinnD5	55	Ridgway, Pa	84
Reston, VaK3	99		104	Richmond, Mo	58	Ridi, Nepal	134
Reszel, PolandE1	128		121	Richmond, N.H	67 72	Riding Mt. (park), Man F5 Ridley, Tenn	90
Retalhuleu, Guat	109 120		119 115	Richmond (Grand River),	12	Ridley Park, PaM7	85
Rethel, France	126	Ribera, N. Mex	70	Ohio	78	Ridlonville, Maine	47
Retsil, Wash	100	Riberalta, BoliviaD4	114	Richmond, OhioJ5	78	Ridott, III	34
Retsof, N.Y	72	Rib Falls, Wis	104	Richmond, Quebec K8	11	Ried, AustriaB2	125
Retto means archipelago			104	Richmond, Tex	93 94	Riegelsville, N.J	68 85
(Japanese)	105	Rice, Calif L9	23	Richmond, Utah	96	Riegelsville, Pa	75
Retz, Austria	125 33	Rice, Minn	55 92	Richmond,* Va K5	99	Rienzi, Miss	25
Reubens, Idaho		Rice, Va	99	Richmond (county), Ga H4	30	Riesa, E. Germany E3	126
Reusens, Va		Rice (county), Kans D3	41	Richmond (county), N.Y C3	72	Riesel, Tex	92
Reusens, Va	122	Rice (county) Minn F6	55	Richmond (county), N.CF4	74	Rieth, Oreg	83
Reutte, AustriaB3	125	Rice (lake), Minn E4	54	Richmond (county), Va K5	99	Rieti, Italy	124 123
Reveille (mt. range), NevE4	65	Rice (lake), Minn E4 Rice (mt.), N.H	66 31	Richmond Battlefield (park), Va	99	Riezes, BelgiumD7 Riffe, WashC4	100
Reveille Peak (mt.), Nev	65 49	Riceboro, Ga	55	Richmond Beach, Wash A1	100	Rifle, Colo	24
Revell, Md	10		104	Richmond Corner, Maine .D7	47	Rifle (river), Mich E4	53
Revere, Mass	50	Rices Landing, Pa	84	Richmond Dale, Ohio E7	79	Riga, U.S.S.R	127
Revere, Minn	55	Riceville, Iowa	39	Richmond Furnace, Mass .A3	50	Riga (gulf), U.S.S.R	127
Revere, Mo	58	Riceville, Pa	84	Richmond Gulf, QuebecJ4	11	Riga (lake), ConnB1	26 33
Revere, W. Va	102	Riceville, Tenn	91 56	Richmond Heights, Mo P3 Richmond Heights, Ohio J9	59 79	Rigby, Idaho	36
Reverie, Tenn	90 89	Rich, Miss	94	Richmond Highlands,	10	Riggins, Idaho	33
Revillo, S. Dak	125	Rich (mt.), Ark	20	Wash	100	Rigo, Papua N.G	136
Revuelto (creek), N. MexF3	70	Richard City, TennK5	91	Richmond Hill, Ga K7	31	Rigolet, Lab., Newf L5	11
Rew, Pa	84	Richards, IowaD4	38	Richmond-upon-Thames, EnglandB5	119	Riihimäki, FinlandE2 Rijeka (Fiume), YugoA2	129 126
Rewa, IndiaD4	134	Richards, MoD7	58	Lingianu	110	mjona (i romo), rogo	

## INDEX OF THE WORLD / 113

						B
Rijssen, Neth	123	Ripley (county), Mo L9	59	Riverton, Va	99 100	Robinson, III
Riley, Ind	37 41	Riplinger, Wis	104 22	Riverton, W. Va	103	Robinson, Kans
Riley, Kv	42	Ripon, England	119	Riverton, Wyo	106	Robinson, Ky J4 43
Riley, Maine	47	Ripon, WisJ8	105	Riverton Heights, Wash B2	100	Robinson, N. DakL5 77
Riley (county), KansF2	41	Rippey, IowaE5	38	River View, Ala	14	Robinson (lake), Wis D3 104
Rillito, Ariz	19	Ripplemead, Va	98	Riverview, Mich	53	Robinson Crusoe (isl.), Chile
Rillton, Pa	84 133	Rippon, W. Va	103 96	Riverville, Va	98 ) 59	Chile
Rimal, Ar (des.), Saudi ArF5 Rimavská Sobota, CzechF2	125	Ririe, Idaho	33	Rives, Tenn	90	Robinsonville, Miss D1 56
Rimer, Pa	84	Risco, Mo	59	Rives Junction, Mich E6	53	Robjohn, Ala
Rimersburg, Pa	84	Rishra, IndiaE1	134	Rivesville, W. VaF1	102	Rob Roy, Ark
Rimini, Italy	124	Rising City, Nebr	63	Riviera, TexF10	93	Rob Roy, Ind
Rimini, S.C	87	Rising Fawn, Ga	30	Riviera Beach, Fla F5	29	Robson (mt.), Br. Col E5 10
Rîmnicu Sărat, Rom	126	Rising Star, Tex	92	Rivière-du-Loup, QuebecK6 Rivulet, Mont	11 60	Robstown, Tex
Rîmnicu Vîlcea, Rom	126 11	Rising Sun, Ind	37 49	Rixford, Pa	84	Roca, Nebr
Rinard, III	35	Risingsun, Ohio	78	Rix Mills, Ohio	79	Rocha, UruguayE6 115
Rinard, IowaD4	38	Rison, Ark	21	Riyadh, * Saudi Ar	132	Rochdale, EnglandG2 118
Ringon, Ga	31	Risör, NorwayB3	129	Riyan, Yemen (Aden)E7	132	Rochdale, Mass
Rincon, N. Mex	71	Risut, Oman	133	Rize, TurkeyD1	132	Rochefort, BelgiumF7 123
Rincon Peak (mt.), Ariz E6	19	Rita, La J7	45 92	Rjukan, Norway	129 36	Rochefort, France C5 120 Roche Harbor, Wash B2 100
Rindge, N.H	67 102	Rita Blanca (riv.), Tex B2 Ritchey, Mo	58	Roadstown, N.J	69	Rochelle, Ga
Riner, Va	98	Ritchie, Md	48	Road Town, * V.I	111	Rochelle, IIID2 34
Rineyville, Ky F5	42	Ritchie (county), W. Va D2	102	Roan or Brown (cliffs),		Rochelle, Tex
Ringgold, GaB1	30	Ritchies (arch.), India F6	135	Utah	95	Rochelle Park, N.J
Ringgold, La	44	Ritner, Ky	43	Roane (county), Tenn M3	91	Rocheport, Mo
Ringgold, Md	48	Ritter, Oreg	83	Roane (county), W. VaD3	102	Rochert, Minn
Ringgold, Nebr	62 38	Ritzville, Wash	78 101	Roan High Knob (mt.), N.C	74	Rochester, III
Ringle, Wis	104	Rivanna (river), Va	99	Roan Mountain, Tenn R2	91	Rochester, Ind E2 36
Ringling, Mont	60	Rivas, Nicaragua	109	Roann, IndF3	36	Rochester, IowaL5 39
Ringling, OklaG6	80	River, Ind	36	Roanne, France	120	Rochester, Ky
Ringoes, N.J	68	Rivera, UruguayE6	115	Roanoke, Ala	14	Rochester, Mass L6 51
Ringold, Okla	81	Riverbank, Calif	22	Roanoke, III	34 36	Rochester, Mich
Ringsted, IowaD2 Ringtown, PaK4	38 85	Riverdale, Calif	23 28	Roanoke, Ind	44	Rochester, Minn
Ringwood, III	34	Riverdale, Ga	30	Roanoke, Mo	58	Rochester, N.H
Ringwood, N.J	68	Riverdale, III	34	Roanoke, Tex	92	Rochester, N.Y E4 72
Ringwood, Okla F2	80	Riverdale, Kans E4	41	Roanoke, Va	98	Rochester, OhioF3 78
Rio, III	34	Riverdale, Md	48	Roanoke, W. Va	102	Rochester, Pa
Rio, La	45	Riverdale, Mich	53	Roanoke (county), VaD6 Roanoke (isl.), N.CO3	98 75	Rochester, TexE4 92 Rochester, VtB3 96
Rio, W. Va	103 105	Riverdale, Mont	60 63	Roanoke (river), N.C L2	75	Rochester, Wash
Rio Arriba (county),	100	Riverdale, N.J	68	Roanoke (river), Va H7	99	Rochester, Wis K3 104
N. Mex	70	Riverdale, N. Dak	76	Roanoke (river), Va H7 Roanoke Rapids, N.C K2	75	Rochester Mills, Pa D4 84
Riobamba, EcuadorC3	114	Riverdale, Utah	94	Roaring, W. Va	103	Rochford, S. Dak
Rio Blanco (county), Colo. C3	24	River Edge, N.J B1	68	Roaring Branch, Pa J2	85 85	Rock, Kans
Rio Branco, BrazilD3	114	River Falls, Ala	15 104	Roaring Creek, Pa	24	Rock, Mass
Rio Brazos (river), N. Mex	70	River Forest, III	34	Roaring River, N.CC2	74	Rock (county), Minn B7 55
Rio Chama (river),	, 0	River Grove, III	34	Roaring Spring, Pa F5	84	Rock (county), NebrE2 63
N. Mex	70	Riverhead, N.Y	72	Roaring Springs, TexD4	92	Rock (county), Wis H10 105
Rio Creek, Wis L6	105	River Hills, Wis	104	Roatán, Honduras	109	Rock (lake), Wash
Río Cuarto, Arg	115	Riverlea, Ohio	78	Robards, Ky	42 133	Rock (river), III
Rio Cuchillo Negro (riv.), N. Mex	71	Rivermines, Mo L7 River Oaks, Tex	59 92	Robbins, Calif	23	Rock (river), Wis
Rio de Janeiro, BrazilF5	115	River Point, R.I	51	Robbins, III	34	Rockaway, N.J D2 68
Rio Dell, Calif	22	River Ridge, Ala D7	15	Robbins, N.C	74	Rockaway, Oreg
Rio Felix (river), N. Mex E5	71	River Rouge, MichB7	53	Robbins, Tenn	91	Rock Bluff, Fla
Río Gallegos, Arg D8	115	Riverside, Ala	14	Robbinsdale, Minn	55 47	Rockbridge, III
Rio Grande, Brazil E6 Río Grande, Mexico	115 108	Riverside, Calif	23 26	Robbinsville, N.J	68	Rockbridge, Wis
Rio Grande, Ohio F8	79	Riverside, Ga	31	Robbinsville, N.C	74	Rockbridge (co.), Va F5 98
Rio Grande (co.), Colo G7	24	Riverside, III	34	Robe, WashD2	100	Rockcastle (co.), Ky J6 43
Rio Grande (res.), Colo E7	24	Riverside, Ind	36	Robel, E. Germany	122	Rockcastle (riv.), Ky J6 43
Río Grande (riv.),	100	Riverside, IowaK6	39 42	Robeline, La	44 74	Rock Cave, W. Va F3 102 Rock City, III D1 34
MexU.S	108 71	Riverside, Ky	48	Robersonville, N.C L3	75	Rock City Falls, N.YM4 73
Rio Grande (riv.), Tex D9	93	Riverside, Mass	50	Roberta, Ga	30	Rock Creek, Kans G2 41
Rio Grande City, TexF11	93	Riverside, Mich	53	Roberta, Okla	81	Rock Creek, Minn 55
Rio Grande Pyramid (mt.),	-	Riverside, N.J	69	Robert Lee, Tex	92	Rock Creek, Mo
Colo	24	Riverside, N. Mex	70 83	Roberts, Idaho	33 34	Rock Creek, OhioJ2 78 Rockdale, IIIE2 34
Rio Hondo, Tex	93 71	Riverside, Oreg	85	Roberts, Mont	61	Rockdale, IowaM4 39
Rio Linda, Calif	23	Riverside, R.I	51	Roberts, Wis	104	Rockdale, Tex
Riomedina, Tex F8	93	Riverside, S.CF2	87	Roberts (county), S. DakP2	89	Rockdale, WisJ10 105
Río Mulato, Bolivia D4	114	Riverside, Tenn	90	Roberts (county), Tex D2	92	Rockdale (co.), Ga D3 30
Río Muni (prov.)	141	Riverside, Tex J7	93	Robertsburg, W. Va	102 15	Rock Dell, Minn
Rion, S.C	86	Riverside, Utah	94 101	Robertsganj, IndiaD4	134	Rockerville, S. Dak
N. Mex	71	Riverside, Wyo	107	Robert S. Kerr (res.), Okla. M4	81	Rockfall, Conn
Rio Puerco (riv.), N. MexA3	70	Riverside (co.), Calif J10	23	Robertson (co.), Ky	43	Rock Falls, III
Rio Puerco (riv.), N. MexC4	70	Riverside (res.), ColoL2	25	Robertson (co.), Tenn H1	90	Rock Falls, Iowa
Rio Salado (riv.), N. MexB4	70	River Springs Md G8	38 48	Robertson (co.), Tex H6 Roberstown, Ga E1	92 30	Rock Falls, Wis
Río Verde, Mexico E4 Rio Vista, Calif L1	108	River Springs, Md	14	Robertsville, ConnC1	26	Rockfield, Ky
Riparia, Wash	101	Riverton, ConnD1	26	Robertsville, Mo N4	59	Rockfield, WisL1 104
Riparius, N.Y	73	Riverton, III	34	Robertsville, Ohio	78	Rockfish, N.C
Ripley, CalifL10		Riverton, Ind	37	Roberval, Quebec	11	Rockford, Ala
Ripley, III	34 47	Riverton, Iowa	38 41	Robeson (county), N.C G5 Robesonia, Pa K5	74 85	Rockford, lowa
Ripley, Maine	56	Riverton, Man	10	Robey, S. Dak	89	Rockford, Mich
Ripley, N.Y	72	Riverton, Minn	54	Robin, IdahoF7	33	Rockford, MinnF5 55
Ripley, Ohio	79	Riverton, NebrF4	63	Robins, IowaK4	39	Rockford, N.C
Ripley, OklaJ2	81	Riverton, N.J	69	Robins, Ohio	79 30	Rockford, OhioA4 78 Rockford, TennO3 91
Ripley, Tenn	90	Riverton, Oreg	82 94	Robins A.F. Base, Ga E5 Robinson, Ark	20	Rockford, Wash
	100					
Ripley, W. Va	102 37	Riverton, Utah	96	Robinson, Ga	30	Rock Glen, Pa K4 85

WAGNER (väg'ner), WILHELM RICHARD (1813-1883), was a German composer whose revolutionary theories had a tremendous effect on the development of opera.

Wagner was born in Leipzig, Germany. As a young man, he traveled from town to town serving as music director for several small opera companies. He longed to go to France but could not leave Germany because of debt. In 1839 he and his actress wife finally escaped to Paris. During three years in Paris, Wagner made few friends among his fellow musicians and had to borrow money continually. He was forced to spend hours on routine work, while his mind was bursting with musical ideas. In 1842 he returned to Germany to produce his opera Rienzi. The performance was a success, and Wagner immediately became famous. In the following years three more of his operas, The Flying Dutchman (Der Fliegende Hollaender), Tannhaeuser, and Lohengrin, were presented. Because of Wagner's new ideas in operatic composition, these works were not appreciated.

During the 1840's, Wagner became increasingly involved in revolutionary activities in Germany. Forced to leave the country in 1849, Wagner took refuge in Zurich, Switzerland. There he spent ten years struggling in poverty and illness. Despite the unfavorable conditions, these years were among the most productive of his whole life. After studying the ancient sagas of the "Nibelungenlied" and the Eddas, Wagner began a series of four music dramas based on its legends. This cycle of operas, called The Ring of the Nibelung (Der Ring des Nibelungen) (1854-1874), included The Rhinegold (Das Rheingold), The Valkyrie (Die Walkure), Siegfried, and The Twilight of the Gods (Die Goetterdaemmerung). He stopped work on The Ring to write two other operas, Tristan and Isolde and The Mastersingers of Nuremberg. (See Eddas; Nibelung, The Ring OF THE.)

After Zurich, Wagner lived in Venice, Lucerne, Paris, and Vienna. In Vienna he again fell into financial difficulty and had to leave to avoid imprisonment for debt. Fortunately, however, in 1864 King Ludwig of Bavaria became interested in his works. Under the king's patronage, several of Wagner's operas were performed in Munich.

The composer was given a home in Bayreuth, Germany. There he finally finished The Ring and saw its first complete performance in 1876 in a theater built especially for his works. Wagner spent the rest of his years in Bayreuth,.. but died while visiting in Venice, Italy. A yearly festival honoring him



Richard Wagner.

is held in the theater at Bayreuth.

Wagner's operas are among the most powerful and emotional ever written. Wagner had some unique ideas about the opera as a form of art. He believed that the music and the drama should be fused together into a single spectacle. This

blending of orchestra, voices, scenery, and story was later called "music drama." Wagner was one of the few operatic composers who wrote not only the music but also the libretto (the words of the opera). While he stressed the importance of drama, he also increased the size of the orchestra and



made it a more important element in the opera. Until his time, operas had always been divided into songs, called arias, and dialogue, called recitative. Wagner, however, felt that music should flow continuously throughout the opera and did away with the old tradition. Another characteristic of his music was the use of the leitmotif, a short musical phrase used to identify a specific character, mood, or setting. The leitmotif added greatly to the expression of emotion and helped to unify the story and the music. (See OPERA; Music, Romantic Music.)

WAINWRIGHT (wān'rīt), JONATHAN MAY-**HEW** (1883–1953), hero of the battles of Bataan and Corregidor, commanded the U.S. forces in the Philippines when they surrendered to the Japanese early in World War II.

Wainwright was born in Walla Walla, Washington, the son of a career cavalry officer, who later died in service in the Philippines. Entering the U.S. Military Academy in 1902, the slightly



Jonathan Wainwright.

built Wainwright was quickly given the nickname of "Skinny," which stayed with him throughout his career.

He served in the Philippines and then in France during World War I. In 1911 he married Adele Howard Holley and they had one son. By 1940, when Wainwright returned to the Philippines, he had

become a major general. Wainwright was second in command to General Douglas MacArthur when on December 7, 1941 (U.S. time), Japanese bombers raided Clark Field, Manila's air base. More than one-half of the U.S. planes were destroyed on the ground.

The Japanese invaders gradually forced the U.S. troops to retreat to the Bataan Peninsula in Manila Bay. Following the surrender of Bataan, which he authorized, Wainwright and some of his forces escaped to Corregidor, a tiny island-fortress just offshore. There in the island caves he and his men tried to withstand starvation and the constant bombardment by the Japanese. The men finally surrendered.

Wainwright was imprisoned on the mainland of Asia. He was finally rescued from a Japanese prisoner-of-war camp in Manchuria by Soviet troops in August 1945. On September 2, 1945, Wainwright took part in the formal Japanese surrender on the deck of the U.S.S. *Missouri*. Later that month U.S. President Harry S. Truman awarded Wainwright the Congressional Medal of Honor for "intrepid and determined leadership against greatly superior enemy forces and the final stand of beleaguered Corregidor."

**WALDENSES** (wal děn'sēz), originally followers of a 12th-century French religious movement, are today members of a small Protestant church.

The facts about the early history of the Waldenses are not clear. Their origin has been traced back to Peter Waldo, or Valdes, a rich merchant of Lyons, France. In about 1170 Waldo gave up all his possessions in order to follow the New

Testament teachings on poverty. He became a preacher and attracted many followers. These followers, first known as the "poor men of Lyons," formed settlements on the French side of the Alps. They were refused recognition by the Roman Catholic church, and in 1184 the church authorities banned them from preaching without permission. As a result, the Waldenses organized a separate church and appointed their own ministers. The Bible was the basis of their teachings and life, and Waldo translated the New Testament into Provencal, then the common language of southern France.

The Waldenses, as Waldo's followers were called, grew rapidly and widely, despite persecution. At first the Roman Catholic church combated them by excommunication, but by the 13th century they were being burned as heretics. The Waldenses spread to Bohemia where they joined the followers of John Huss. The center of the movement, however, remained in northern Italy and southern France. During the Reformation they came into contact with Protestant reformers from Germany and Switzerland. In 1532 a synod of Waldenses adopted a Protestant confession of faith and formally renounced the Roman Catholic church. (See Reformation.)

Today the Waldenses are organized into the Waldensian Protestant church, having about 29,000 members in Italy, 12,500 in South America, and a few small communities in the United States. Both the chief governing body of the church and its theological seminary are located in Italy.

WALES, (wālz), UNITED KINGDOM, is a large peninsula on the western part of the island of Great Britain. It is one of the four main divisions of the United Kingdom along with England, Scotland, and Northern Ireland. Wales is bordered by England on the east, and on its other three sides it is rimmed by the Irish Sea, St. George's Channel, and the Bristol Channel.

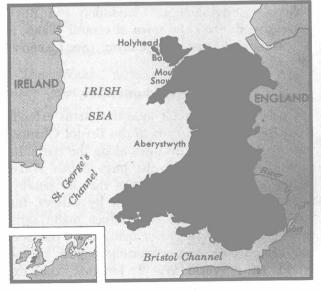
Wales is a mountainous land, noted for its mining and manufacturing industries. The people of Wales are called Welsh. Although Wales has been united with England since 1536 its people are known for their great national spirit. They have preserved their own ancient language and many customs.

peninsula The Wales is about 140 miles long, and it ranges from about 25 to 105 miles in width. The Cambrian Mountains cover most of the country's area of 8,016 square miles. They are the highest in the north where they rise to the peak of Mount Snowdon, 3,560 feet high. This is the highest mountain in all of England and Wales. In the center of the peninsula, Plynlimon (2,468 feet) is the dominant peak. Brecon Beacons, rising to 2,906 feet, is a smaller range of hills

in South Wales that runs in an east-west direction parallel to the Bristol Channel.

The mountains have been cut on all sides by river valleys. In the north the rivers are shorter and their valleys wider and less steep. The rivers Conway and Clwyd are important streams that flow north to the Irish Sea. On the west side of Plynlimon many streams follow winding courses to St. George's Channel. From the eastern slopes of the central hills several of the rivers flow for

Locator map of Wales.





Central Press Photos Ltd.

Snowdon is the highest mountain in all of England and Wales. The peak is in the misty, lake region of Caernarvonshire in northwestern Wales.

most of their courses through England before they reach the sea at the Bristol Channel. The Severn and the Wye are the longest of these streams.

The mountains are fringed with coastal plains, which are narrow in the south and west. The level lowland areas of northwest and northern Wales include the Dee River Valley, Lleyn Peninsula, and the island of Anglesey. The Menai Strait separates this large island from mainland Wales.

Two bridges connect the island to the mainland: the Menai Bridge, built in 1826, and the Britannia Bridge, a tubular railroad bridge completed in 1850.

Bala Lake is the one large natural lake of Wales, though there are many small lakes in the mountains. Several other large lakes are manmade and serve as reservoirs.

The climate of Wales is characterized by mild winters and cool summers, with abundant rainfall throughout the year. Areas that are above 1,000 feet receive more than 60 inches of rain a year. Temperatures do not vary greatly from season to season in most of the country. The coldest month usually averages above 40 degrees Fahrenheit, and the warmest month, below 60 degrees. There is more variation in the southeastern sec-



Tom Hollyman-Photo Researchers, Inc.

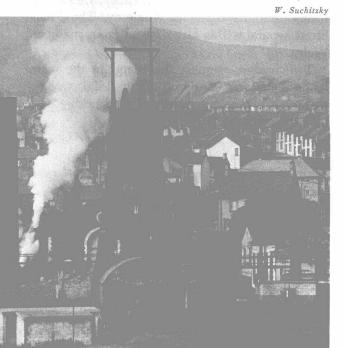
Professional rugby football draws huge crowds in Cardiff (above). It arouses as much enthusiasm in Wales as baseball and football do in the United States.

tion. During December and January there is considerable snowfall in most areas.

## The Welsh People

The Welsh people have basically the same ancestry as the English. They represent a mixture of Celts, Angles, and Saxons with the original inhabitants of the area. Romans and, later, Normans also added to the racial characteristics of the Welsh. Today, the people of Wales may show marked physical differences from region to

Mining towns dot the industrial area of South Wales. The region's industry is based on abundant coal deposits.



region. The Welsh take great pride in their ancient heritage and language. The Welsh were Christians with a literature of their own at the time of the Anglo-Saxon invasion. Their language stems from the tongue of the Celts and is still used as a first or second (after English) language. Many Welsh schoolchildren receive some training in their

native language. Welsh literature extends from about the mid-6th century to the present. The finest collection of ancient Welsh tales is the *Mabinogion*. There are newspapers and magazines published in Welsh today, and the British Broadcasting Corporation produces many programs in Welsh.

The chief annual cultural event is the National Eisteddfod, which features competitions in music, prose, and poetry. It is conducted entirely in Welsh. The Welsh male voice choirs are world famous. The noted 20th-century poet Dylan Thomas was Welsh.

About half of the Welsh people live in the south, in the industrial area that centers around the capital, Cardiff, and the ports of Swansea, Port Talbot, and Barry. In North Wales the towns are small, and the best-known ones are popular holiday resorts such as Llandudno and Rhyl. Aberystwyth, the chief town of central Wales, is a seaside resort and college town. (See Cardiff, Wales.)

## **Industry and Agriculture**

One of Britain's chief industrial areas extends from the Brecon Beacons to the Bristol Channel and from Cardiff to Swansea along the coast. Its production is based on the huge South Wales coalfield and iron ore deposits that lie nearby. Where the hills have been cut by valleys, the coal seams exposed at the surface made early mining relatively easy. For many years this was one of the chief coal exporting regions in the world. After World War I, however, coal ex-

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ports declined as mines were developed in other countries and as oil and waterpower came into wider use.

The decline of exporting caused great suffering. Such a large proportion of the people in South Wales depended on the coal mines for their livelihood that the closing of a mine meant almost total unemployment in many of the towns. The industrial boom of World War II improved the situation, and afterward, with the help of the government and trading associations many new industries were introduced. In the area there are steel mills, chemical works, textile plants, and many other types of industry. There is a second smaller coalfield in North Wales near Wrexham. Steel is also manufactured in this area, as are synthetic textiles.

Much of the Welsh peninsula is farm or grazing land. The higher slopes serve as pasture land for sheep, which are highly regarded on the London market for their meat. In the valleys, small family farms raise cattle and pigs. On the flat lands, oats and potatoes are important crops. In the south and in areas fringing the western and northern coasts there are fertile lands suitable for dairy farming.

The ports of Holyhead in the north and Fishguard in the south are important communi-

cations links with Ireland. There is direct rail service from London to these two Welsh ports, which have regular steamer connections with Ireland.

#### Education

The Welsh people place great importance on education. In the 19th century a whole village sometimes raised money to send a bright local pupil to college. The first college of the University of Wales was built at Aberystwyth with funds that had been amassed from col-

lections made throughout the country. The university in the late 1960's had four branches and more than 9,000 students. The other branches are located at Cardiff, Bangor, and Swansea.

An act passed in 1889 gave Wales a system of state-aided secondary schools—12 years before England had such a system. Today the public school system operates under the same regulations as those of England. All children in Wales between the ages of 5 and 15 must attend school. The National Library at Aberystwyth and the National Museum at Cardiff are other important cultural institutions of Wales.

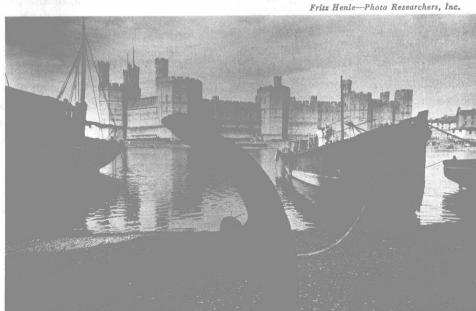
### History

In ancient days, when invaders from Europe swept over Britain, Wales was the refuge for older inhabitants. As an invading army advanced across England the inhabitants would flee westward into the Welsh hills.

Other early settlers reached Wales by sea, many of them originating from the area around the Mediterranean. When the Celtic invaders occupied the country, they imposed their culture on the existing societies.

The Romans subdued and occupied Wales in the 1st century A.D. After they withdrew, Britain was invaded by Angles and Saxons, but these

Caernarvon Castle, in North Wales, was built in the 13th century. The fortress was erected by the English, who were bringing the Welsh under their control.



groups were unable to conquer the mountain strongholds of Wales. Celtic culture and Christianity survived in Wales after both had been largely driven out of England. The Saxons called the people *Welsh*, meaning foreigners. The Welsh called themselves *Cymry*, meaning fellow countrymen.

The Anglo-Saxon king Offa built an earthwork wall, called Offa's Dike, to protect his kingdom from the Welsh. Parts of the structure have survived to the present day. In the 10th century Howel the Good became king of all the Welsh and introduced a unified law code, some of which is preserved in modern Welsh lawbooks.

The Welsh had a new and more difficult enemy to face after the Norman Conquest of England in 1066. By the end of the 11th century South Wales was firmly under Norman control. The Welsh were driven out of southwest Pembrokeshire, and the Normans placed English and Flemish colonists there.

There was some freedom for Wales while the barons and the king in England struggled for power during the 13th century. When conditions improved in England, however, the kings were again able to turn their attention to Wales. The country was completely overrun by the armies of Edward I in the last part of the 13th century. His son was born in Caernarvon Castle. He was given the title of prince of Wales, and ever since that time the eldest son of the British monarch has carried that title.

Between 1400 and 1412 Owen Glendower led a Welsh revolution. Its failure resulted in the extension of English power, but Wales was not united with England until 1536. An act passed in that year made Welshmen completely equal with Englishmen under the law, and it also stated that all official business had to be carried on in English. Another act, passed in 1543, further established the unification of the countries.

After this there was no political difference between England and Wales. Both have had the same monarch, Parliament, and laws, although Wales is considered a separate unit of the United Kingdom. Since April 1974 it has been divided into eight counties. The Church in Wales is independent of the Church of England.

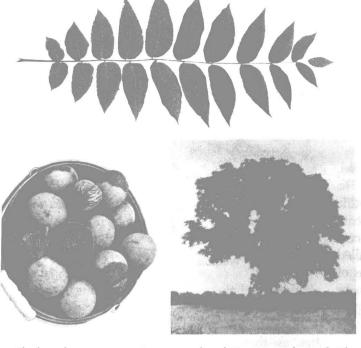
Until the Industrial Revolution Wales was poor

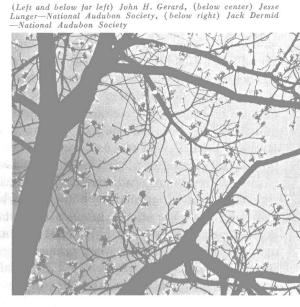
and sparsely populated. In the late 18th century, coal and iron ore mining began on a large scale, and the economy improved rapidly. Between 1801 and 1851 the country's population doubled. As the population and economy grew, however, the country had to struggle to keep its national identity. Great efforts were made to retain Welsh institutions and promote the Welsh language. In the 20th century the main British political parties recognized the separate national identity of Wales. Cardiff was granted the status of capital city in 1955, and in 1964 a secretary of state for Wales with a seat in the British cabinet was appointed.

Wales had a population of 2,731,204 in 1971. In 1973 the population was estimated at 2,749,280.

WALLACE (wäl'ŭs), SIR WILLIAM (1270?-1305), is the national hero of Scotland. He rallied the resistance to King Edward I of England. (See Edward [Kings of England].) Wallace was a son of Sir Malcolm Wallace of Elderslie, Renfrewshire. He first appeared in the records of history as the leader of a band that attacked the English garrison at Lanark, Scotland, in May 1297 and killed the English sheriff who had been installed by Edward I. When an English army approached, the Scottish nobles deserted Wallace. He gathered a large company of Scots, however, and at Stirling, a midland county, they fought one of the great battles of Scottish independence. At Stirling Bridge they defeated the English army and drove it out of Scotland in September 1297.

Wallace was knighted in December 1297 and became Guardian of the Kingdom. He proceeded to regulate Scotland's affairs until another English army was sent. On July 22, 1298, he was overpowered in the battle of Falkirk. The record of Wallace is hazy for the next four years. It is thought that he took refuge in the mountains for a time and that he went to France and possibly to Italy during the period. He was arrested on August 5, 1305, near Glasgow, probably as a result of treachery. He was taken to London where he was charged with treason to the king. Wallace denied the charge because he had never sworn allegiance to Edward, but he was condemned and executed on the same day.





Black walnut trees are important for their nuts and wood. The tree is also planted for shade or ornamentation. Its leaves are oval or oblong. Petalless flowers of both sexes grow on the same tree. Within the tree's fruit is the seed, or nut, which is covered with a hard, bony shell. The nuts are an important ingredient in candies and cookies.

food for wildlife, but only a few varieties taste good to man.

The English walnut tree, J. regia, bears the most highly prized nut of any species. The J. regia is believed to have originated in Persia (Iran). The Romans may have taken it to England. Commercial production in planted orchards is based on thin-shelled types in which the kernel, or nutmeat, content makes up from 40 to 60 percent of the dry weight, unshelled. About 15 other species of walnut tree, which bear only hard-shell nuts, are usually more valued for their timber. The largest crops of J. regia are grown in California. About 70,000 to 90,000 tons in the shell are produced there annually. France, Italy, China, and Turkey also produce large amounts for world trade. Walnuts are high in oil, food energy, and protein content.

Of the six species of *Juglans* native to the United States, *J. nigra* and *J. hindsi*, a somewhat smaller black walnut of Northern California, are used most widely for lumber. The black walnut wood is favored for its strength, beauty, and lasting quality. It is used for furniture, paneling, carving, and gun stocks. The nuts of the trees are used in making ice cream, candy, and cookies.

Black walnut trees grow mainly in the Temperate Zone, but some species withstand severe

cold. Some are native to Manchuria, Japan, Argentina, and Colombia, and several have been reported in Central America. (See Nut; Tree.)

WALPOLE (wal' pōl), HORAGE (hōr'ŭs) or HORATIO (1717–1797), was an English politician and writer who has been called the best letter-writer in the English language. His wide correspondence, which has been collected and published, is an important, intelligent, and interesting account of his age. His father, Sir Robert, First Earl of Orford, and prime minister of England, was his idol. Horace was educated first at Eton, where he formed a group called the "Quadruple Alliance," whose common interest was literature. Other members were Thomas Gray, Richard

West, and Thomas Ashton. In 1735 Walpole entered King's College, Cambridge University, where he received a liberal education. (See Walpole, Sir Robert.)

In 1789 he traveled with Thomas Gray to Europe. While in Italy they quarreled and did not renew their friend-





ship for a number of years. Walpole returned to England in 1741. He was elected to Parliament, where he served until his retirement in 1768. Throughout his life he retained an interest in politics, but his record as a member of the House of Commons demonstrated little more than a defense of his father's views and actions.

In 1747 he leased, and one year later purchased, land and a small villa on the Thames River. He gradually turned the place into a "little Gothic castle" with towers, battlements, and intricate formal gardens. He named the house "Strawberry Hill." In a cottage on the grounds he installed a private printing press in 1757. First editions of many of his own works were printed there as well as works by his friends. In 1791, Walpole succeeded his nephew to the title of Earl of Orford.

Walpole lived his adult years primarily as a writer. His many works include books of verse, novels, memoirs, diaries, antiquarian and historical studies, satires, art catalogs, and notes on art as well as the countless letters to his friends for which he is best known today.

His novel *The Castle of Otranto* (1765) became famous as the first of the modern romances of mystery and horror known as Gothic novels. *The Mysterious Mother* (1768), a tragedy in verse, is still read, though it remains at best a merely passable work from an age of notoriously poor tragedies. His special skill was in describing people and the political events of his day.

WALPOLE, SIR ROBERT (1676–1745), is regarded as the first prime minister of England, although the title was not then in use. He was born at Houghton Hall, Norfolk, into a family of landed gentry. He was educated at Eton College and Cambridge University. In 1700 Walpole entered Parliament as a Whig. He became secretary of war in 1708 and treasurer of the navy in 1710. After the Tories gained control of Parliament in the 1710 elections, they charged him with misuse of money. In 1712 he was imprisoned in the Tower of London.

Back in favor at the accession of George I in 1714, Walpole was made first lord of the treasury and chancellor of the exchequer in 1715. He soon began to disagree with the foreign policies of



Sir Robert Walpole.

other Whig leaders, however, and in 1717 he resigned from the ministry. George I made him paymaster general of the forces in 1720. His power of persuasion in Parliament rescued the court and the Whigs from the financial scandal known as the South Sea Bubble. In 1721 he was reappointed first lord of the treasury and

chancellor of the exchequer, remaining in power until 1742. He was knighted in 1725.

In Walpole's time there were no political parties as they are known today. Certain issues divided English people into Whigs and Tories, but personal interests mattered most. The king chose his ministers, and they had to create a majority in the House of Commons. Walpole remained a leader of government for such a long time because he retained the support of George I and of George II, who became king in 1727. Further, Walpole built a large following in Parliament by his use of patronage, which is giving a person a job, or office, in return for his political support. Walpole never did get complete control of Parliament, but he kept himself and his party in power there because his policies of peace, lower taxation at home, and increased trade abroad won him the support of independent members of the Commons.

Walpole was determined, however, to have complete control. In 1730 he forced Charles Townshend, the foreign secretary, to resign, and he, himself, took over the administration of foreign affairs. Opposition against him grew. In 1739 he was forced to declare war on Spain. The opposition thought him incapable of directing the war, and in 1742 his resignation was forced on a minor issue. The king created him earl of Orford.

Walpole delighted in works of art. His collection of paintings was one of the finest in Europe. Eventually his grandson sold it to the empress of Russia. Later it was placed in the Hermitage Museum in Leningrad.

**WALRUS** (wal' rus or wal rus) is a large, aquatic, fish-eating mammal, Odobenus rosmarus, belonging to the family Odobenidae. The walrus has a heavy, swollen body, short neck, and small head. The muzzle is fringed by hundreds of thick bristles. Like their close relatives, the seals and sea lions, walruses have flippers instead of legs. The hind flippers are able to turn forward to aid them in waddling about.

Adult male walruses may measure 10 to 12 feet long and may weigh more than a ton. The skin is thick, wrinkled, and almost hairless in the adults. It is yellowish grey in color. The upper canine teeth may grow to a length of 40 inches in adult males and somewhat less in females. They use these tusks to help haul their huge bulk from the water.

Walruses inhabit the open water of the Arctic Ocean near the coasts or edges of polar ice. They are seldom found on land. Sociable animals, walruses live in groups. The young are born singly, every other year, after a gestation period of 11 to 12 months.

Walruses feed on fish, mollusks, and other marine life. When feeding, the animal dives and often stands on its head in the water as it forages about the ocean bottom. The tusks and the sensitive bristles on the muzzle help the walrus in scraping and filtering food from the mud.

An adult walrus may be 10 to 12 feet long and weigh more than a ton, left. A thick fringe of bristles grows on its muzzle. Walruses are sociable animals, generally living in herds, right.



The Eskimos of the Far North hunt walruses for their meat and thick layer of fat, or blubber, that provides both food and fuel. The bones and skin are also used, and the ivory from the tusks is especially valued. (See SEAL.)

**WALTON**  $(w \delta l' t \tilde{u} n)$ , **IZAAK**  $(\tilde{\imath}' z \tilde{\imath} k)$  (1593–1683), was an English writer noted as the author of *Lives*, a collection of biographies, and *The Compleat Angler* (1653), a book on fishing.

Walton was born at Stafford, the son of an alehouse keeper. As a young man he moved to London and became a clothier. His first wife, whom he married in 1626, bore him seven children, all of whom died young. His wife died in 1640, and he remarried in 1646. By this marriage he had two surviving children.

Walton's friends throughout his life were men of culture and learning. He knew many of the leading authors and poets of his time. His *Lives* included sketches of John Donne, at whose deathbed he was present, Sir Henry Wotton, George Herbert, Richard Hooker, and Dr. Robert Sanderson. *Lives* is an important early work in the field of biography.

The Compleat Angler was so popular during Walton's lifetime that it went through five editions. Lovers of fishing have praised the book and its author. Not only does the work describe





angling techniques, but it also gives a picture of the peace and simple pleasures of country life.

Walton's fame as the author of this book has diminished somewhat in recent years because of the discovery of a similar book dated 1577. This book, *The Arte of Angling*, by an anonymous author, appears to have been a major source for Walton's book.

**WANAMAKER** (wän' ŭ mā' kēr), **JOHN** (1838–1922), was the founder of one of the first large department stores in the United States. He was born in Philadelphia, Pennsylvania. He left school



John Wanamaker.

at the age of 14 and became an errand boy in a bookstore. In 1856 he went to work as a clerk in a men's clothing store. Five years later he was able to establish, with Nathan Brown, the clothing store of Brown and Wanamaker. Their partnership continued until Brown's death in 1868. In the following year John Wanamaker and Company opened. Wanamaker

bought the freight depot of the Pennsylvania Railroad in 1875 to house the store. It became a collection of specialty shops under one roof, a department store. In 1896 Wanamaker acquired what was formerly the A. T. Stewart Store in New York City.

Wanamaker served as postmaster general in the administration of President Benjamin Harrison (1889–1893). He also was active in the Young Men's Christian Association, serving as secretary of the Philadelphia branch from 1857 to 1861.

WANDERING (wän' dering) JEW, THE, is a legendary figure who mocked Jesus on His way to the cross and was condemned to wander the Earth until the day of judgment. In one version, the Jew was a shoemaker at Jerusalem, Palestine, who would not allow Jesus to rest on the threshold of his shop. In this instance, Jesus is said

to have told him, "I shall enter into My rest, but you shall wander restless." In another version, the culprit was the porter at Pontius Pilate's judgment hall, who struck Jesus, saying, "Go quicker, Jesus, why do you loiter?" To him, Jesus is said to have answered, "I go, but you will wait till I return." The legend has also been treated as symbolic of the wanderings of the Jewish people. The most famous account of the legend is in Eugene Sue's novel *The Wandering Jew*.

**WAR**  $(w \hat{o}r)$  **AND WARFARE**  $(w \hat{o}r' f \tilde{a}r')$ . The first historical accounts of organized warfare come from Egypt. There, 2,500–3,500 years before the time of Jesus Christ, the soldier belonged to a definite "caste" or separate social group second only to the priests. There were at that time foot troops only. The horse was used in war solely for drawing chariots. The bow and the spear appear to have been the standard weapons. Against these early Egyptians the Assyrians brought heavy infantry and cavalry. They considered mounted troops of secondary importance, whereas the Persians counted on their cavalry and dismounted archers to win the battle.

When an army was ready to fight, it drew up on a broad front on some flat, open plain. If the enemy desired battle, it lined up also. Otherwise it merely stayed away. No effort was made by either side to choose a favorable position or to force a fight on an unwilling opponent. In battle there were no reserves.

Egyptian weapons included a rather poor infantry bronze sword, a bronze-tipped spear about six feet long, and a wooden shield large enough to protect the whole body. Later, the shield was metal covered. The light infantry (slingers, archers, etc.) had no shields or other armor.

Persian foot troops, like the Egyptians, carried short spears and swords, also a shield, round and smaller than that of the Egyptians. The Assyrian weapons resembled those of the Egyptians and Persians. The Assyrian infantryman, carrying a short spear and a round shield but no sword, wore a helmet, while the heavily armed archer was equipped with helmet, body